



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Sheet 1 of 3

Application Number	10/634,713
Filing Date	08-05-2003
First Named Inventor	Joseph Armand Picard
Art Unit	1614
Examiner Name	Unknown
Attorney Docket Number	PC25298A

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
W		US- 10/071,032	02-08-2002	Dyer, et al	
W		US- 2002/0156061 A1	10-24-2002	Barvian, et al	
W		US- 2003/0004172 A1	01-02-2003	Harter, et al	
W		US- 2003/0078276 A1	04-24-2003	Andrianjara, et al	
W		US- 2002/0193377 A1	12-19-2002	Andrianjara, et al	
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W		US- 2002/0156069 A1	10-24-2002	Picard, et al	
W		US- 6,656,932 B2	12-02-2003	Picard, et al	
W		US- 2002/0161000 A1	10-31-2002	Barvian, et al	
W		US- 2003/0087924 A1	05-08-2003	Sorenson	
W		US- 2003/0144274 A1	07-31-2003	Bunker, et al	
W		US- 2002/0151555 A1	10-17-2002	Barvian, et al	
W		US- 2003/0130278 A1	07-10-2003	Gaudilliere, et al	
W		US- 2003/0216402 A1	11-20-2003	Gaudilliere, et al	
W		US- 2003/0220355 A1	11-27-2003	Gaudilliere, et al	
W		US- 2004/0006077 A1	01-08-2004	Gaudilliere, et al	
W		US- 10/634,531	08-05-2003	Johnson	
W		US- 10/634,709	08-05-2003	Bunker, et al	
W		US- 10/634,162	08-05-2003	Wilson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
W		WO 02/064599 A1	08-22-2002	Dyer, et al		
W		WO 02/064547 A2, A3	08-22-2002	Barvian, et al		
W		WO 02/064598 A1	08-22-2002	Harter, et al		
W		WO 02/064080 A2, A3	08-22-2002	Andrianjara, et al		
W		WO 02/064572 A1	08-22-2002	Andrianjara, et al		
W		WO 02/064595 A1	08-22-2002	Andrianjara, et al		

Examiner  
Signature

V. Bulusuhaman

Date  
Considered

12/26/05

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/634,713
		Filing Date	08-05-2003
		First Named Inventor	Joseph Armand Picard
		Art Unit	1614
		Examiner Name	Unknown
Sheet 2 of 3	Attorney Docket Number	PC25298A	

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M		US- 10/634,473	08-05-2003	Bunker, et al	
M		US- 10/634,289	08-05-2003	Bunker, et al	
M		US- 10/634,180	08-05-2003	Bunker, et al	
M		US- 10/634,712	08-05-2003	Hicks, et al	
M		US- 10/634,181	08-05-2003	Li	
M		US- 10/634,489	08-05-2003	Roark	
M		US- 10/634,420	08-05-2003	Roark	
M		US- 10/634,716	08-05-2003	Nahra, et al	
M		US- 10/634,288	08-05-2003	O'Brien	
M		US- 10/634,717	08-05-2003	Nahra, et al	
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M		US- 10/634,290	08-05-2003	Wilson	
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M		US- 10/739,261	12-18-2003	Bunker, et al	
		US-			

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
W		WO 02/064578 A1	08-22-2002	Picard, et al		
W		WO 02/064571 A1	08-22-2002	Barvian, et al		
W		WO 02/064568 A1	08-22-2002	Barvian, et al		
W		WO 03/032999 A1	04-23-2003	Bunker, et al		
W		WO 03/033478 A1	04-24-2003	Gaudilliere, et al		
W		WO 03/076417 A2, A3	09-18-2003	Gaudilliere, et al		

Examiner Signature	<i>V. Bulusan</i>	Date Considered	12/26/08
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of 3

Attorney Docket Number	PC25298A
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Substitute for form 1449/PTO

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Sheet

1

of

4

**Complete if Known**

Application Number	10/634.713
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Filing Date	August 5, 2003
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First Named Inventor	Joseph Picard
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Art Unit	1624
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Examiner Name	Rao, Deepak R.
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Attorney Docket Number	PC 25298A
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)				
M		WO 01/63244 A1	8/30/2001	Chen, et al.		
M		WO 00/09485 A1	2/24/2000	McClure, et al.		
M		WO 01/12611 A1	2/22/2001	Blagg, Julian		
M		WO 02/34726 A2	5/2/2002	Noe, et al.		
M		WO 02/34753 A2	5/2/2002	Bronk, et al.		
M		EP 0935963 A2	8/18/1999	McClure, et al		

**Examiner  
Signature**

V. Balasubramaniul

Date  
Considered

12/26/05

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Confirmation No. 8942

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				Filing Date	August 5, 2003
				First Named Inventor	Joseph Picard
				Art Unit	1624
				Examiner Name	Rao, Deepak R.
				Attorney Docket Number	PC 25298A
Sheet	2	of	4		

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W		EP 1138680 A1	10/4/2001	Noe, Mark Carl		
W		CA 2,082,076	05/06/1993	Weidmann et al.		
W		WO 00/44730	8/3/2000	Albright, et al.		
W		WO 02/64568	8/22/2002	Barvian, et al.		
W		WO 02/64578	8/22/2002	Picard, et al.		

Examiner Signature	V. Bulusanbramane	Date Considered	12/26/05
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		Art Unit	1624		
		Examiner Name	Rao, Deepak R.		
Sheet	3	of	4	Attorney Docket Number	PC 25298A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
M		CHEN, et al., Structure-Based Design of a Novel, Potent, and Selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design, J. Am. Chem. Soc., 2000, pp. 9648-9654, vol. 122	
M		LOVEJOY, et al., Crystal structures of MMP-1 and -13 reveal the structural basis for selectivity of collagenase inhibitors, Nature Structural Biology, 1999, pp. 217-221, vol. 6(3)	
M		MOY, et al., High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-13) Complexed with Hydroxamic Acid Inhibitor, J. Mol. Biol., 2000, pp. 671-689, vol. 302	
M		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic Cartilage, J. Clin. Invest., 1996, pp. 761-768, vol. 97(3)	
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M		BILLINGHURST, et al, Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage, J. Clin. Invest., 1997, pp. 1534-1545, vol. 99(7)	
M		HIROTA, et al., Novel Synthesis of Pyrido[3,4-d]Pyrimidines, Pyrido[2,3-d]Pyrimidines, and Quinazolines Via Palladium-Catalyzed Oxidative Coupling, Heterocycles, 1994, pp 563-570, vol. 37(1)	
M		WERNICKE, et al., Cloning of Collagenase 3 from the Synovial Membrane and Its Expression in Rheumatoid Arthritis and Osteoarthritis, J. Rheum, 1996, pp 590-595, vol. 23(4)	

Examiner Signature	V. Balasubramanian	Date Considered	12/26/08
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		Art Unit	1624		
		Examiner Name	Rao, Deepak R.		
Sheet	4	of	4	Attorney Docket Number	PC 25298A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
M		REBOUL, et al, The New Collagenase, Collagenase-3, Is Expressed and Synthesized by Human Chondrocytes but not by Synoviocytes, J. Clin. Invest., 1996, pp. 2011-2019, vol. 97(9)	
M		FREEMONT, et al., In situ zymographic localisation of type II collagen degrading activity in osteoarthritic human articular cartilage, Am Rheum Dis, 1999, pp. 357-365, vol. 58	
		<del>Office Action mailed June 16, 2003, in U.S. Application No. 10/264,764 (19 Pages)</del>	
M		Search Report from International Application No. PCT/IB03/03613	

Examiner Signature	<i>W. Balasubramanian</i>	Date Considered	12/26/05
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